

CLAIMS

What is claimed is:

1. 1. A air treatment unit comprising:
 2. a module power socket;
 3. an air treatment duct having an interior defining an air path; and
 4. a light module that selectively engages said air treatment duct, said light module comprising:
 6. a housing having a baffle, said baffle extending across said air path when said light module engages said air treatment duct;
 7. an integral ultraviolet light source and light source socket, said ultraviolet light source being fixed to and extending through said baffle, such that said interior of said air treatment duct is exposed to ultraviolet light from said ultraviolet light source when said light module engages said air treatment duct and said ultraviolet light source is powered; and
 13. a connector that selectively mates with said module power socket, said connector being in power transmissive communication with said light source socket, wherein, when said light module selectively engages said air treatment duct and said connector selectively mates with said module power socket, said light module cannot be fully removed from its engagement with said air treatment duct.
 1. 2. The air treatment unit of claim 1, wherein said housing of said light module includes a connector flange having an aperture that aligns with said module power socket when said light module engages said air treatment duct.
 1. 3. The air treatment unit of claim 1, wherein said ultraviolet light source provides UV energy corresponding to a wavelength of from about 100 to about 280 nanometers.